



Tennessee Crop Weather

Tennessee Field Office • PO Box 41505 • Nashville, TN 37204 • (615) 781-5300 • www.nass.usda.gov
In Cooperation with Tennessee Department of Agriculture

Issued Monday 3:00 PM; July 23, 2012

For the week ending July 22, 2012

WARM WEATHER AND MODERATE RAINS AID GROWTH

High temperatures and moderate rains stimulated crop growth last week. Crops continued to develop at a faster rate than usual. All crops remained in fair-to-good condition, with the exception of corn. Pastures were rated in poor-to-fair condition, but have improved slightly as they continue to green-up. Topsoil and subsoil moisture levels have also improved although some areas of West Tennessee remain dry. Farming activities for the week included harvesting silage, topping tobacco, and fungicide applications.

There were 4 days suitable for fieldwork last week. Topsoil moisture levels were rated 9 percent very short, 23 percent short, 62 percent adequate and 6 percent surplus. Subsoil moisture levels were rated 19 percent very short, 35 percent short, 43 percent adequate and 3 percent surplus. Temperatures across the state last week averaged 2 to 6 degrees above normal. Rainfall amounts averaged above normal across the entire state.

CROP PROGRESS					CONDITION					
Crop	This Week	Last Week	2011	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
Percent					Percent					
Corn – Dough or Beyond	75	50	44	46	Corn	25	30	27	17	1
Corn – Dent or Beyond	32	N/A	10	11	Cotton	3	12	36	45	4
Corn Silage – Harvested	43	24	1	1	Pastures	18	33	35	13	1
Cotton – Squaring	93	84	91	96	Soybeans	6	15	40	37	2
Cotton – Setting Bolls	55	37	40	54	Tobacco	1	16	42	36	5
Soybeans – Blooming	74	62	54	62						
Soybeans – Setting Pods	46	30	22	33						
Tobacco – Topped	38	22	25	24						

N/A = Not Available

County Agent Comments

“Henderson County has had a general rain that improved soybean field dramatically and some have fertilized Bermuda grass hay land.”
Ron Blair, Henderson County

“Light showers provided an additional .25" to .80" of precipitation across the county last weekend. High temperatures this week combined with these showers have soybeans growing, blooming and setting pods. Pastures and hay fields are greening back up, but additional rainfall will be needed to keep forages and soybeans growing.”
Jeff Lannom, Weakley County

“Rain has been mainly good across the county the past couple of weeks but varies from 1 1/2 inches in the western part to approximately 10 inches in the north central part of the county. Forages have improved; beans are looking better, corn is not very good at all. Hopefully with some continuing rain, the bean outlook will continue to improve as well as forage for pasture and hay.”
Troy Dugger, Hickman County

“The county has gotten almost 6 inches of rain scattered over the past two weeks which has greened many acres of pasture. Late planted corn has revived somewhat and beans are looking better. Creeks are running much better than two weeks ago.”
Kevin Rose, Giles County

“Recent rains have greened pastures up and accelerated growth of Johnson grass. Not much recovery by corn.”
Cynthia Zeitz, Jackson County

“We got rain this week. This will help most of our soybeans and tobacco but for most of the corn it was too late. We have some corn that does not have a grain on it.”
Larry Moorehead, Moore County

“Another wet week makes July the wettest month of the year thus far! Showers coupled with heavy rains at the week's end produced an additional two to three plus inches of rain, causing some ponding in low lying areas. With over seven to nearly eight inches of rainfall collected to date in July, the much needed rain has put a halt on drought conditions. The most appreciated rain will do little to improve the corn crop, but will help reduce further loss. Drought has weakened a lot of the stalks and a few producers are considering harvest this week to reduce losses to lodging and reduce chances of Alfatoxin. Rain has made a huge difference in the soybean, cotton crop. Early beans are ranging from R3 to R5. Several producers have been applying fungicides when they can get into fields. Double cropped beans have made tremendous vegetative growth. Cotton is from beginning to mid bloom, which should help yield outlook. Pastures are once again producing adequate growth for grazing, a few producers are gearing up to harvest hay, mostly Johnson grass and summer annuals when fields dry.”
Ed Burns, Franklin County

“Scattered showers brought varied rainfall across the county. Soybeans have improved with the recent rain. Forages are slow to rebound with some fields having lost stands of cool-season grasses due to the drought and heat.”
John Wilson, Blount County

“Rains this week have helped soybeans and pastures. Corn is dead and water won't help the dead.”
John Goddard, Loudon County

TEMPERATURES AND PRECIPITATION

For week ending: July 22, 2012 (with comparisons)

LOCATION	TEMPERATURE				PRECIPITATION					
	Week Ending July 22, 2012				Current Week 7/22/12	Rain Days	Current Since January 1	Departure From Normal January 1	Current Since April 1	Departure From Normal April 1
	HI	LO	AVG	DFN						
West										
Ames_Plantation	99	67	82	4	0.53	4	22.91	-8.34	12.41	-4.89
Brownsville_TN	99	71	84	5	0.00	0	18.50	-12.75	8.26	-9.03
Covington	99	71	83	4	0.00	0	18.91	-12.01	6.77	-10.29
Dyersburg	99	73	84	4	0.00	0	16.44	-13.11	7.30	-9.27
Huntingdon_Wate	96	70	82	4	0.28	2	20.60	-10.40	11.91	-5.17
Jackson_Exp_Stn	96	71	83	5	0.94	4	22.23	-8.95	11.29	-6.46
Lexington_TN	96	70	81	3	0.25	1	21.47	-8.69	10.32	-6.49
Martin	97	71	84	6	0.68	3	19.11	-12.04	8.35	-9.39
Memphis_AG	100	73	86	3	0.05	1	22.71	-7.62	11.66	-5.00
Milan	99	71	83	6	0.05	2	20.98	-10.91	10.47	-7.63
Paris	94	70	81	4	0.15	2	21.49	-8.70	11.79	-4.72
Savannah_6SW	95	68	82	3	1.14	4	28.20	-5.81	15.24	-3.13
Selmer	97	70	82	4	0.67	3	27.41	-6.39	14.62	-3.76
Union_City	95	70	82	4	0.07	1	18.68	-11.77	9.08	-8.02
Middle										
Clarksville_Sew	97	70	83	5	2.95	2	18.04	-11.37	8.66	-6.93
Cookeville	91	68	79	4	3.42	3	28.03	-5.24	12.90	-5.17
Crossville_AP	89	68	78	5	1.45	5	27.01	-5.88	12.50	-5.19
Dickson_AG	93	67	80	2	2.00	2	24.18	-7.56	12.38	-5.18
Dover_1W	95	70	81	4	0.86	2	20.96	-9.73	10.27	-6.35
Fayetteville_TN	95	69	81	5	2.44	6	26.71	-5.48	11.72	-5.02
Jamestown	89	65	76	3	2.28	3	30.48	-1.50	14.76	-3.23
Kingston_Spring	96	69	82	5	4.91	4	27.01	-3.23	16.06	-0.05
Lewisburg	96	67	82	5	1.67	3	19.87	-12.83	9.18	-8.78
Livingston_WLIV	92	68	79	4	2.01	4	25.86	-4.95	9.61	-7.53
Lobelville	93	68	81	4	2.04	3	21.85	-11.13	11.22	-6.60
Murfreesboro_5N	94	68	81	3	2.68	6	25.90	-5.20	13.79	-3.37
Nashville_Metro	96	70	83	4	2.74	4	26.65	-1.37	15.60	-0.03
Oneida	90	67	78	5	1.25	5	30.65	-1.46	13.75	-4.34
Portland_TN	95	69	82	5	2.31	3	24.14	-6.43	12.46	-4.65
Pulaski_Water_P	94	68	80	2	3.05	4	25.54	-7.00	14.31	-2.66
Shelbyville	94	70	81	4	1.75	5	25.37	-7.20	11.45	-6.07
Sparta_TN	94	67	80	5	2.31	5	22.51	-9.90	9.53	-8.16
Springfield	94	68	81	4	3.16	2	30.50	1.08	18.81	2.42
Springhill	97	64	80	3	3.91	3	26.49	-6.21	15.40	-2.51
Tullahoma	93	68	80	3	5.09	6	27.85	-5.92	14.48	-3.15
Waynesboro_TN	93	67	80	3	0.83	5	27.69	-6.69	15.85	-2.57
East										
Chattanooga/Lov	96	70	82	4	3.30	5	27.00	-4.59	12.67	-3.02
Cleveland_6NNE	92	69	79	3	1.87	5	21.16	-11.40	9.59	-7.24
Dayton	90	68	79	2	1.59	5	31.60	-1.31	17.27	0.56
Erwin_1W	89	65	77	5	0.98	7	27.57	-1.52	16.87	-0.57
Gatlinburg_2SW	89	64	75	3	1.64	7	36.87	3.59	20.30	1.11
Greeneville	90	66	77	2	2.49	6	28.93	3.45	17.81	3.14
Kingston_AG	91	69	79	4	4.37	4	33.50	-0.91	18.52	0.36
Knoxville_AP	91	69	80	4	2.05	4	31.21	2.50	15.42	0.17
Newcomb	90	66	78	5	3.22	5	32.57	0.46	16.11	-1.98
Norris_4NE	90	67	78	3	3.60	4	32.40	1.40	15.89	-1.06
Tri-City_RGNL_A	90	68	78	4	3.31	6	27.34	3.02	16.61	2.77

DFN = Departure from Normal (Using 1961-90 Normals Period). Rain Days = Days with precip of 0.01 inch or more during the week. Precipitation (rain or melted snow/ice) measured in inches.

Copyright 2012: AWIS, Inc. All Rights Reserved

The USDA, NASS, Tennessee Field Office gratefully acknowledges contributions to this publication by:
National Weather Service and the University of Tennessee’s Extension.